

In the Abstract

Please substitute the following amended Abstract for the Abstract as currently pending (deleted matter is shown by strikethrough and added matter is shown by underlining):

The invention relates to a method for forming curved sections ~~[[9]]~~ in a transparent material, especially in a ~~callus~~ ~~(5)~~ cornea, by producing optical ~~openings~~ ~~(8)~~ breaks at various points in the material ~~[[5]]~~ by means of pulsed laser beams ~~[[3]]~~ focused into the material ~~[[5]]~~. The laser beam ~~[[3]]~~ is deviated in a two-dimensional manner from a deviation point in order to form the section ~~[[9]]~~ by arranging the optical ~~openings~~ ~~(8)~~ breaks in a sequence. The two-dimensional deviation occurs such that the areas of the optical opening ~~[[8]]~~ along a curve, whereon the optical openings ~~[[8]]~~ are arranged in a sequence, are arranged at a distance in relation to the deviation point according to an angle function which is not linear and which is adapted to the curvature of the section ~~[[9]]~~. The areas along the curve adjacent to optical openings ~~[[8]]~~ inside a specific tolerance range are arranged at an even distance ~~[[d]]~~.